

8(Amended). A supporting device of a rotor, which comprises:

- a) a ceramic axial tube which is a hollow tube with one end fixed on the rotor and is formed with at least one concave on an outer surface;
- b) a ceramic axial support which may rotationally support said ceramic axial tube, wherein a storage space for lubricants is defined by an inner surface of said ceramic axial support and said concave on said outer surface of said ceramic axial tube; and
- c) said storage space between said outer surface of said ceramic axial tube and said inner surface of said ceramic axial support is within the range of 2-25 μm for dispersing lubricants therefrom.

11(Amended). The supporting device of the rotor of Claim 8, wherein said concave is formed in a middle circular concave section of said ceramic axial tube.

13(Amended). A supporting device of a rotor, which comprises:

- a) a ceramic axial tube which is a hollow tube with one end fixed on the rotor;
- b) at least one ceramic axial support which rotationally support said ceramic axial tube by a rotational corresponding spacing within the range of 2-25 μm which defines a lubricating chamber for receiving lubricant; and
- c) means for allowing the lubricant to leak onto the outer surface of said ceramic axial tube.